EEE Newsletter
April 4, 2018

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EEE Registration Season - Summer and Fall 2018
• Summer 2018 Open Registration began Monday, March 5.
• Fall 2018 Schedule of Classes & Time Tickets are now live in myPurdue.
• Students who will be registering for Fall 2018 should have received an info email from Tammi Thayer about EEE mentoring and advising steps. May 2018 graduation candidates were NOT included.
• You may access the newsletter for ‘EEE Registration – Fall 2018’ by taking this path - EEE -> Current Students -> Useful Resources -> EEE Student Newsletter

EEE SAC Suggestion Box
• The mission of EEE SAC is to increase interaction between Environmental and Ecological Engineering students and the administration of EEE. The guiding purpose for this council is to encourage and enhance communication, and act as a conduit from the student body to the EEE Head.
• If you have any suggestions/questions/comments that you would like to bring to the attention of the EEE SAC let us know at the link below:
  https://docs.google.com/forms/d/e/1FAIpQLSfkQlPplZDAUyGgJeIvOdMsG_jbjJN3tDD4qggje8bMb5CwVA/viewform

Job Corner with Ms. Whelton, PE
There are still a couple career fairs left before the end of the school year. So if you’re looking for a full time job or internship, you may want to check them out.

HireBig10 Virtual Fair (April 11th, online 9am to 6pm CT) is online so it is easy to attend! There are internship, coop and full time opportunities. NASA is one of the companies in attendance—did you know that a past EEE did a coop with NASA? They are looking for fulltime, interns and coops. In general, look for companies that have environmental engineering listed, all engineering, or companies that you think would like an EEE (they may have CE listed). If you are interested in a company, you can click on their name to find out more about what they do (and prep questions based on their site). Different employees will hold “chat sessions” at different times, so make sure you login in ahead of time and figure out a schedule of when you want to “meet” with a potential employer. This page provides good tips and will answer your questions on what to expect with this virtual career fair: https://www.careereco.com/Fair/RenderPage?fairPageId=1ee404a0-c35a-4557-ad4d-a7a2012dd8a8. Click here to see the companies and to register for the event:
https://www.careereco.com/Fair/FairOrganizations?fairId=6d6a54f8-c164-4964-a0d2-a7a2012dd89f

The Just in Time Career Fair (April 18 from 10am to 3pm in the PMU Ballrooms) is the last career fair on campus this semester. Companies in attendance are looking for both internship and full time employees. You have to have a CCO account to see that companies in attendance this year so I can’t give you any advice on who is attending. Go here for some basic information on the fair: https://www.cco.purdue.edu/Calendar/Event/A7379DEB2E52C8F07C91143BD4CF70B7
Explore career opportunities (and bring copies of your resume) with 3M today (Tuesday 4/3) on campus. Product demonstrations are 10am to 2pm and a company overview and open discussion is tonight starting at 6pm. See attached brochure for more information.

Upcoming CCO workshop:
CCO Workshop Series: Acing the Interview Workshop
WTHR 42 on April 10th from 5:30 to 6:30pm.

Don’t forget I will continue to post job opportunities on the EEE job sites and send out emails on jobs as I receive them. Keep checking and applying for opportunities!

**E-Week Student-Faculty Trivia Night**
- PESC and the Purdue Engineering Presidents Council are hosting a student-faculty trivia night on **Wednesday April 4th** at Jake’s Roadhouse from 6PM - 8PM to celebrate Purdue Engineering and all of its members.
- The event is completely free, all ages are welcome, and food will be provided. Students and faculty can register teams of 3 to 6 members at this link: [https://goo.gl/forms/pDBY55b3xEQA2GgL2](https://goo.gl/forms/pDBY55b3xEQA2GgL2)

**REU Opportunity at Purdue**
- The Fei lab at Purdue University is accepting applications for 1-2 REU positions in forest invasion ecology.
- The undergraduate student(s) will be based in West Lafayette and would work on projects for the NSF MSB-FRA Award # EF-1638702, *Modeling Invasion Dynamics Across Scales (MIDAS)* in collaboration with members of the Fei lab.
- Two specific areas of research interest are available:
  - Investigating associations between forest understory invasion patterns and forest tree mycorrhizal types.
  - Determining the influences of forest canopy phenology and structure on plant invasion.
- Applications are due on April 20, 2018
- See attached flyer for application and program information

**Brown and Caldwell Scholarships**
- Are you a student who is passionate about water, the environment and solving the complex challenges before us? Brown and Caldwell’s scholarships can help you reach the next step in your educational journey.
- Brown and Caldwell are currently offering the Eckenfelder, Minority, GLBTQ, Women in Leadership, and Navajo scholarships.
- Follow this link for additional details about the specific scholarships: [http://brownandcaldwell.com/scholarships.asp](http://brownandcaldwell.com/scholarships.asp)
- Applications are currently open for 2018 and will close on **April 15th**

**HENAAC Scholarship Program 2018**
- Applications for the HENAAC Scholarship Program are now open
- The goal of the Program is to increase the persistence to graduation among underrepresented and underserved STEM college students. The financial support of the HENAAC Scholars Programs helps these students focus on their coursework so they can graduate on time, enter a STEM profession, continue to serve as a role model for future generations, and secure the country's place as the finest technological leader in the world.
- Applications are due **April 30th**. Follow this link for more details: [https://henaac-scholars.org/](https://henaac-scholars.org/)

**Volunteer Opportunity: NanoDays at Birck Nanotechnology Center**
- Purdue’s Birck Nanotechnology Center has an exciting volunteer opportunity for students in the technical, education, and management fields.
- Since 2010, the Birck Nanotechnology Center at Discovery Park has participated in NISE NanoDays, a program that promotes science and technology education nationwide. Volunteers will staff activity stations and assist visitors as they investigate different scientific concepts.
- Local vendors will be providing food for volunteer training and all three days of the event.
- Volunteers can attend any or all of the following shifts:
  - Wednesday: 4/11/17, 5:30 PM - 8:00 PM
  - Thursday: 4/12/17, 8:45 AM - 11:30 AM or 11:15 AM - 2:00 PM
Training is mandatory and will be provided in the Birck atrium. The schedule is:

- Tuesday: 4/3/18, 5:00 PM - 5:30 PM (Pizza Party)
- 5:30 PM - 6:00 PM (Training Sessions)

Interested volunteers can sign up here. (tinyurl.com/y9cnov2z)

Questions can be directed to Joon Park (park218@purdue.edu) and Justin Wirth (jcwirth@purdue.edu).

**Wabash Sampling Blitz***

- The Wabash Sampling Blitz involves helping the Wabash River Enhancement Corporation (WREC) to sample at various sites along the Wabash River.
- The sampling blitz will occur on **April 13, 2018 from 2:30-5pm**
- Visit [http://www.wabashriver.net/blitz-registration/](http://www.wabashriver.net/blitz-registration/) to volunteer or contact Shannon Stanis at watershed@wabashriver.net
- See attached flyer for more info

**Opportunity for Purdue Students**

- The Indiana Commission on Higher Education **every two years** picks a student representative from one of the major schools in Indiana to sit as a voice for all Indiana undergraduates and graduates. They attend conferences, sit in on board meetings, and discuss high level material regarding change and implementation.
- Information can be found here: [http://www.in.gov/che/files/Student%20Application%20and%20Agreement%20to%20Serve%202018.pdf](http://www.in.gov/che/files/Student%20Application%20and%20Agreement%20to%20Serve%202018.pdf)

**Climate Change Conference and Workshop: How to Sustain Our Future***

- EEE students are invited to attend the Purdue Pugwash 2018 Conference on “Climate Change: How to Sustain our Future”
  - The conference will be **April 13-14th at 6pm in PMU West Faculty Lounge**
  - Winona LaDuke, Native American Environmentalist and Political Activist will deliver a keynote presentation on “The Next Energy Economy: Grassroots Strategies to Mitigate Global Climate Change & How We Move Ahead”
  - Register for free at: [http://www.conf.purdue.edu/pugwash](http://www.conf.purdue.edu/pugwash)
  - See attached flyer for more info
- Students are also invited to apply for the Student Pugwash USA workshop on “Climate & Society” held on **Saturday, April 14th from 12pm-5:30pm in RAWLS 2070.** Lunch will be provided!
  - The workshop will include a climate simulation, case study on climate change ethics, and a conference debate. Applications are due by **March 24th by 5:00pm EST.** All undergraduate and graduate students from all majors are eligible to apply
  - The link to the application is available here: [http://www.spusa.org/workshop-application](http://www.spusa.org/workshop-application)

**Schneider Electric: Go Green in The City Case Challenge**

- The challenge: [https://youtu.be/PPXm-x6n3I](https://youtu.be/PPXm-x6n3I)
  - Solve any one of the following real-life case challenges within energy management or submit a bold idea for efficient energy management in a city environment.
  - Together with a partner, present your proposal through PDF or an infographic. Make it to the finals in the USA and stand to win the grand prize of a lifetime!
  - Topics: No Boundaries, Sustainability and Inclusivity in Development, Digital economy, Smart Manufacturing and Supply Chain, Cyber Security
- Go Green in the City 2018 is open to 2-member teams from anywhere in the world with at least one female member.
- Must be an MBA, Master’s or Bachelor’s student (at least 2nd year) in Business or Engineering.
- You and your teammate must study in the same country for the duration of the competition. You don’t have to be in the same university, study the same subject or be in the same year. Neither do you have to be citizens or permanent residents of the country, but you must be proficient in English.
- Submission deadline is June 1, 2018
- Follow this link for more info: [http://www.gogreenintheccity.com/index.html](http://www.gogreenintheccity.com/index.html)
**One World One Purdue**

- International Student Peer Coaching is organizing a series of events called One World One Purdue.
- International Student Peer Coaching (ISPC) Program in collaboration with Purdue Student Union Board (PSUB) is hosting a series of 3 events. The purpose of this event is to increase awareness of, and empathy towards, differences in culture:
  - **April 12th**, Thursday Night
    Global Communication - in WALC 2007 at 6:00 pm
  - **April 13th**, Friday Night
    Movie Night: Coming to America - in Hiller Theatre, WALC at 7:00 PM
  - **April 14th**, Saturday Night
    Spoken Word Night - in Sagamore Restaurant, PMU at 7:00 PM
- See attached flyer for more info

**Course: ENGR 396 Well-being, Leadership, Diversity & Inclusion in Engineering**

- ENGR 396 (CRN 15802) is the only course for undergraduate engineering students at Purdue that combines campus leadership, personal well-being, diversity and inclusion. This is the last year ENGR 396 will be offered at Purdue.
- This is a half-semester course that provides undergraduate engineering students with opportunities to improve well-being, increase leadership potential, and promote inclusion and diversity in engineering. Students will have the opportunity to engage in a community engagement leadership project, receive feedback from corporate representatives, and develop skills including, but not limited to building resilience, well-being, self-awareness, and better functioning.
- For questions regarding ENGR 396, please email Julianna Ge at ge45@purdue.edu
- See attached flyer for more info

**Honors College Withdrawal**

- Honors College students - No longer interested? No longer planning to pursue completion of the Honors program?
- To withdraw formally from the Honors College, please contact your Honors College Advisor via email to express your intentions. To find your assigned Honors College Advisor open this link: https://honors.purdue.edu/current-students/honors-advising/index.php
- You must officially withdraw from the program to have the Honors block removed from your myPurduePlan (MPP) audit sheet. Having that extra block on your MPP slows the system down so it makes sense to get it removed!
REU positions in forest invasion ecology

The Fei lab at Purdue University is accepting applications for 1-2 Research Experience for Undergraduate (REU) positions. The undergraduate student(s) will be based in West Lafayette and would work on projects for the NSF MSB-FRA Award # EF-1638702, *Modeling Invasion Dynamics Across Scales (MIDAS)* in collaboration with members of the Fei lab. Two specific areas of research interest are available, including (1) investigating associations between forest understory invasion patterns and forest tree mycorrhizal types, and (2) determining the influences of forest canopy phenology and forest tree mycorrhizal types on plant invasion.

The students will primarily be responsible for assisting with tasks related to expanding the current project. In particular, students will be expected (1) to collect species trait and/or remote sensing data, and (2) to assist in analyzing data and producing papers. Preferred qualifications include (but are not required): quantitative and computational skills, and experience with working with GIS and remote sensing data.

This is a 12-week position during the summer term starting during the 2nd or 3rd week in May of 2018 and a successful applicant will be expected to work 40 hours per week. Compensation is $6,000 over the course of 12 weeks. A successful applicant is expected to secure their own lodging, meals, and transportation. Students from underrepresented groups and from institutions with limited research opportunities are especially encouraged to apply.

To apply: Interested applicants should send a statement of interest, resume, unofficial transcript, and one letter of recommendation. The statement of interest should be less than 500 words and include the following information: (i) professional goals, (ii) interest in position, and (iii) relevant experience. Send application materials in one PDF file to Dr. Insu Jo (jo23@purdue.edu) and Dr. Elizabeth LaRue (elarue@purdue.edu). The letter of recommendation should be e-mailed directly from the recommender with the applicant’s name in the subject line. Incomplete applications will not be considered. Applications will be accepted until April 20, 2018.
Wabash Sampling Blitz – April 13, 2018

Help us sample 200+ sites on tributaries draining to the Wabash River from 2:30-5 pm as your schedule allows.

No training or equipment required!
Visit http://www.wabashriver.net/blitz-registration/ to volunteer or contact Shannon Stanis  watershed@wabashriver.net or 765.807.1094

Get more info here!
PURDUE STUDENT PUGWASH CONFERENCE 2018

CLIMATE CHANGE

HOW TO SUSTAIN OUR FUTURE?

REGISTRATION (FREE): WWW.CONF.PURDUE.EDU/PUGWASH

FRIDAY, APRIL 13 · PMU WEST FACULTY LOUNGE · OPENS AT 6:00PM
SATURDAY, APRIL 14 · STEW 279 · OPENS AT 8:30AM

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1 WORLD PURDUE

We are uniquely situated to foster one of the largest intercultural communities in the world. With minds from around the globe working together, more comprehensive solutions can be developed, while creating stronger relationships.

Let’s celebrate our diversity in this three-day event!

GLOBAL COMMUNICATION | April 12th @ 6pm | WALC 2007
Understand the concept of cultural hybridity and learn how cultural consciousness can help to create better relationships. Fun activities included!

MOVIE NIGHT: COMING TO AMERICA | April 13th @ 7pm | Hiler Theater, WALC
Grab a popcorn and watch Eddy Murphy, as an African Prince, portray the difficulties of coming to the United States, followed by a discussion.

SPOKEN WORD NIGHT | April 14th @ 7pm | Sagamore Restaurant, PMU
An open mic night for individuals from all countries to share their experience, be it hardships or great times, as or with international students. Specialty coffees from around the world will be provided for free!

in collaboration with

ISPC

PSUB

Purdue Student Union Board

ISPC@PURDUE.EDU  PURDUE ISPC  PURDUE INTERNATIONAL STUDENT PEER COACHING PROGRAM  @PURDUEISPC  @PURDUEISPC
Well-being, Leadership, Diversity & Inclusion in Engineering
ENGR 396, CRN: 15802
Fall 2018, 1 credit
First Half-Semester Class

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Engineering Design ● Corporate Exposure ● Community Engagement